Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)	Application Number	071847 0071847
Applicant Cao		100
Filing Date	Group Art Unit	1

U.S. PATENT DOCUMENTS

EXAMINÉR INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
			OTHER DOCUMENTS (Including	Author, Title, Date, F	Pertinent Pages, Etc.)				
RI_	"LumaLit	e Luma 8, Lun	naArch, LumaCure" (4 pages) (printout fro						
	"Curing Light XL 3000" (3 pages) (printout from www.brooks.af.mil) "LumaCure Cordles Curing Light" (2 pages) (printout from www.brooks.af.mil)								
	"Compo-T VLC Visible Light Cure Composite Dental Restorative Materials" (4 pages) (Printout from www.yates-motloid.com)								
	Bayne et al, "Update on dental composite restorations", JADA, vol. 125, June 1994, pages 687-701.								
	"Accucur	e 3000" broch	ure (2 pages)						
	"Accucur	e 1000" broch	ure (2 pages)						
	"LaserMe	ed AGD Show	Special AccuCure 3000 Laser Show Spec	ial" flyer (1 pag	je)				
	"LumaCı	ıre" flyer (1 paç	ge).						
	"ARC Lig	ıht IIM" brochu	re (2 pages).		·-·				
	"Introduc	ing the Apollo	elight wireless curing light" flyer (1 page).						
	"Just Cu	re It" brochure	(3 pages) (printed out from www.airtechni	ques.com)		<u> </u>			
	"Resin C Novemb	uring Lights: W er, 2001.	Vhat You Should Know", page 36 from Col	ntemporary Es	thetics and Res	torative Practice			
	"Starlight	Starlight p" fly	ver (1 page).						
	"Exelite"	flyer (1 page)							
	"Epilar F	reeLight" flyer	(1 page).						
	"Centrix, Introducing VersaLux the world class battery operated LED curing light that fits in the palm of your hand (July-August 2001) (1 page) "ZAP Dental Curing" flyer (1 page)								
\mathbb{V}	"EXELIT	E" flyer (1 page	e)		<u> </u>				
\dot{j}	"Elipar F	reelight Curing	Light" (2 pages) (printout from cms.3m.cc	om)					
レー	"Intraora	l Resin Curina	Lights - Update '96" excerpt from March	1996 CRA new	sletter (2 nages	- - -			

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet ___ of _ Form PTO-1449 Docket Number (Optional) Application Number INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) Applicant Cao Filing Date Group Art Unit **U.S. PATENT DOCUMENTS** EXAMINER DOCUMENT DATE NAME CLASS SUBCLASS FILING DATE INITIAL NUMBER IF APPROPRIATE OTHER DOCUMENTS (Including Author, Title, Date, Perlinent Pages, Etc.) "All-Cure Standard and Custom Dental Curing Lightquides" (1 page) (Printout from www.all-cure.com) "Welcome to Bonart Medical Supply" (2 pages) (printout from www.bonartmed.com) "Bonart" (4 pages listing dental equipment including ART-L1 'High Power Light Curing Unit") (printout from www.bonartmed.com) "Dentamerica - Litex" (2 pages discussing Litex 680A, Litex 682, and Litex 692 curing lights) (printout from www.dentamerica.com) "Problems with the Apollo E curing light" (1 page article) (printout from www.imakenews.com)

"Bellini X Ray" (2 pages depicting Sunlite 1275 curing light) (printout from www.bellinixray.com) "ACTA CURING LIGHT" (2 pages) (printout from www.amadent.com) "Laser Technology in Dentistry" (3 pages) (printout from dentistry.about.com) "Synopsis of Visible Light Curing Units" (8 pages summarizing various curing lights) (printout from www.brooks.af.mil) "Zap Dual Curing Light" (2 pages) (printout from www.brooks.af.mil) "Vivalux II Cordless Polymerization Unit" (2 pages) (printout from www.brooks.af.mil) "VersaLux Cordless Curing Light" (2 pages) (printout from www.brooks.af.mil) "Variable Intensity Polymerizer Light Curing Unit (VIP)" (3 pages) (printout from www.brooks.af.mil) "Spectrum 800 Curing Unit" (2 pages) (printout from www.brooks.af.mil) "Optilux 501 Polymerization Unit" (2 pages) (printout from www.brooks.af.mil) "Optilux 500 Polymerization Unit" (2 pages) (printout from www.brooks.af.mil) "Optilux 180 & 360 Polymerization Units" (2 pages) (printout from www.brooks.af.mil) "Hilux 350 Curing Light" (2 pages) (printout from www.brooks.af.mil) "Epilar Highlight Curing Light" (2 pages) (printout from www.brooks.af.mil) "Apollo 95E Curing Light" (2 pages) (printout from www.brooks.af.mil) "ARC Light II" (2 pages) (printout from www.brooks.af.mil) EXAMINER

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Docket Number (Optional)	Application Number	010	
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			OTHER DOCUMENTS (Including	Author, Title, Date, F	Pertinent Pages, Etc.)							
DI	"Savings on Curing Lights from Lone Star Dental Corp.", including First Medica Hilux 200, Spring Health Powerlite and Dentamerica Litex (1 page) (printout from www.denteqip.com).											
C	"LED Curing Light" from TOESCO Yoshida Toei Engineering Co., Ltd. (October 2001).											
	"Dental/Medical Diagnostic Systems, Inc. Receives \$4.0 Million Order for Its Wireless Apollo e and Wavelight Curing Unites Based on New LED Technology" (2 pages) (printout from www.compoundsemiconductor.net).											
\	"Heat Da	ita" (2 pages) (regarding rise in tooth pulp temperature w	ith various curi	ing lights).							
	"Compar	ison to Other (Curing Lights" (2 pages) (printout from ww	w.cranews.cor	n)							
			4 pages) (printout from www.cranews.com									
	"Technic	al Data" (3 pag	ges) (printout from www.cranews.com)									
			g Virtuoso curing light (printout from www.	cranews.com)								
			/itro Intrapulpal Temperature Rise with a V		Sources" (1 pag	ge).						
	Bouschli	cher, et al., "In	trapulpal Temperature Increases with LEC), QTH and Arc	: Photoinitiation	" (1 page).						
	Meyer et page).	al., "Decrease	e in Power Output of Blue LD Curing Lights	s with Increasir	ng Distance to f	Filling Surface" (1						
	Parr et a	I., "Spectral Ar	nalysis of Commercial LED Dental Curing	Lights" (1 page								
	CRA Ne	wsletter, Vol. 2	0, Issue 3, "Intraoral Resin Curing Lights"	', (March 1996)	(2 pages).							
	CRA Ne	wsletter, "Resi	n Curing Light, Cordless" (2 pages).									
	CRA Ne	wsletter, "Visib	le Curing Lights" (4 pages).									
	"Power F	PAC" (3 pages)	(printout from www.americandentaltech.c	: <u>om</u>)								
	"The PA	C" (2 pages) (p	printout from www.americandentaltech.com	<u>n)</u>								
	"The Sci	ence of Curing	" (8 pages) (printout from www.lasermed.c	com)								
	•		2 pages) (printout from www.lasermed.com									
	"The Acc	cucure 3000" (2	2 pages) (printout from www.lasermed.con	n)								
KL.	"RemeC	ure CL15" (1 p	age) (printout from www.remedent.com)									
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RC	"NRG L.E	.D. Curing Lig	ht" brochure (4 pages).		·		
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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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U.S. PATENT DOCUMENTS

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1	5,713,738	2/3/1998	Yarborough	322	215	9/5/1996
	6,254,388	7/3/2001	Yarborough	433	215	2/2/1998
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	4,221,994	9/9/1980	Friedman et al	315	224	
	4,666,406	5/19/1987	Kanca III	433	229	
<u> </u>	4,935,665	6/19./1990	Murata	313	500	
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	4,989,217	1/29/1991	Ostler	372	107	
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	5,472,991	12/5/1995	Schmitt et al	522	4	
	5,550,853	8/27/1996	Ostler	372 ·	34	
<u>V</u>	5,616,141	4/1/1997	Cipolla	606	15	
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21	6,282,013	8/28/2001	jstler et al	359	309	
W	5,634,711	6/3/1997	Kennedy et al	362	119	·

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Pt-		Published PCT Patent Application PCT/US99/01126 (WO 99/35995) (22 July 1999
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Sheet ___ of _ Form PTO-1449 Docket Number (Optional) Application Number INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) Applicant Cao Filing Date **Group Art Unit U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE IF APPROPRIATE 5,660,461 8/26/1997 Ignatius et al 362 241 5,698,866 12/16/1997 Doiron et al 257 99 5,803,729 9/8/1998 Tsimerman 433 29 5,890,794 4/6/1999 Abtahi et al 294 362 6,019,482 2/1/2000 Everett 362 184 6,077,073 6/20/2000 Jacob 433 29 6,095,661 8/1/2000 Lebens et al 362 184 6,102,696 8/15/2000 Osterwalder 433 29 5,328,368 7/12/1994 Lansing et al 433 Des. 361,382 8/15/1995 Brunsell et al 24 177 Des. 385,051 10/14/1997 Wü D26 2 12/4/2001 6,325,623 Melnyk et al 433 29 3/31/2000 6,322,358 11/27/2001 Senn et al 433 29 6,095,812 8/1/2000 Senn et al 433 29 6,159,005 12/12/2000 Herold et al 433 29 6,318,996 11/20/2001 Melikechi et al. 433 29 6,325,623 12/4/2001 Melnyk et al 433 29 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) EXAMINER DATE CONSIDERED 2003

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	Uno, S., Asmussen, E., "Selected variables in bonding to dentin", Scand. J. Dent. Res. 1992: 100: 130-2 (2 pages) G.L. Unterbrink and R. Muessner, "influence of light intensity on two restorative systems", J. Dent., vol. 23, no. 3, pp. 183-189 (1995) (7 pages).								
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INITIAL NUMBER 10/056,499 February 22, 2002 Light-Curling Device with Detachably Interconnecting Light Application 10/056,397 February 5, 2002 Curling Light with Plurality of LED's and Corresponding Lenses Dan E. Fischer, DDS Bruce S. McLean 10/056,103 February 5, 2002 Lightweight Hand Held Dental Curling Devices Dan E. Fischer, DDS Bruce S. McLean 10/044,346 January 11, 2002 Optical Lens Used to Focus LED Light 10/024,110 December 17, 2001 Heat Sink with Geometric Arrangement of LED Surfaces FOREIGN PATENT DOCUMENTS COUNTRY CLASS SUBCLASS TRANSLATION OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Email from Jens Jenkins (Jjenkins@wrspat.com) to Dan McCarthy Re: Pending Application Information dated Wednesday, April 03, 2002 (2 pages) and listin S pending U.S. patent applications.		DEMARI		U.S. PATENT	APPLICATIO	NS					
### 10/068,397 February 5, 2002 Curing Light with Plurality of LED's and Corresponding Lenses Dan E. Fischer, DDS Bruce S. McLean			FILING DATE		Title			ln	ventor		
10/068,197 February 5, 2002 Curing Light with Plurality of LED's and Corresponding Lenses 10/068,103 February 5, 2002 Lightweight Hand Held Dental Curing Devices 10/044,346 January 11, 2002 Optical Lens Used to Focus LED Light 10/024,110 December 17, 2001 Heat Sink with Geometric Arrangement of LED Surfaces FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUBCLASS TRANSLATION OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Email from Jens Jenkins (Jijenkins@wnspat.com) to Dan McCarthy Re: Pending Application Information dated Wednesday, April 03, 2002 (2 pages) and listin 5 pending U.S. patent applications.	TE	10/080,489	February 22, 2002	Light-Curing Device with	Detachably Interconnecting	g Light Application					
10/068,103 February 5, 2002 Lightweight Hand Held Dental Curing Devices Dan E. Fischer, DOS Bruce S. McLean 10/044,346 January 11, 2002 Optical Lens Used to Focus LED Light Bruce S. McLean Vasility Nosov Robert R. Scott 10/024,110 December 17, 2001 Heat Sink with Geometric Arrangement of LED Surfaces Robert R. Scott POREIGN PATENT DOCUMENTS DOCUMENT DATE	7	10/068,397	February 5, 2002	Curing Light with Plurality	of LED's and Correspond	ling Lenses		Dan E. Fi	scher, DDS		
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1	Sakaguc pages).	hi and Berge,	"Light Intensity Effects of	on Degree of Cure	Posterior Com	posite", #1972,	IADR 1997 (4		
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